

ABSTRACT

A sash for windows and doors equipped with an anti-dewing hot wire is provided. A double-layered glass, which is included an indoor sheet of glass and an outdoor sheet of glass spaced from each other by a spacer and filled with a desiccant material is fixedly installed on a sash frame. The frame, which is formed with a hollow tube with a reception groove in one surface and the double-layered glass sealed with sealant, comprises the hot wire, for generating heat by means of supplied power, attached along an edge of an inner surface of the indoor sheet of glass, a through hole for passing an electric wire electrically connected to the hot wire, formed through a designated portion of the spacer located on the lower portions of the indoor and outdoor sheets of glass of the double-layered glass, and a controller, which is connected to the electric wire for controlling the output of a power supply unit for supplying a driving voltage to the hot wire according to a user's manipulation signal, located in the hollow of a lower frame member of the sash frame. The sash effectively prevents the edge and inner surface of the indoor sheet of glass from dewing, and improves thermal insulation effects.